# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Tuesday 17 Nov 2020 until 23:59 on Wednesday 18 Nov 2020

Forecast Issued on Monday 16 Nov 2020 at 15:46

**Confidence:** High for very unsettled and often windy spell of weather and brief colder interlude Thursday, but lower for details regarding intensity and timing of rainfall

**Headline for Tuesday 17 Nov 2020:** Cloudy with patchy rain and drizzle. Strong southwesterly winds.

**Mountain weather hazards on Tuesday 17 Nov 2020**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
Low Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
High Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Light rain | Light rain | Cloudy | Dull | Cloudy | Cloudy | Cloudy | Cloudy |
| Precipitation probability | | | | | | | |
| 60% | 60% | 30% | 20% | 20% | 20% | 40% | 40% |

**Forecast for Tuesday 17 Nov 2020**

**Weather:** Outbreaks of rain clear soon after midnight but it remains cloudy with patchy light rain and drizzle through the early hours. Then a mostly cloudy day with a little light rain and drizzle around, especially across western hills through the afternoon and evening, however eastern hills will see less rain and drizzle and may see some brighter some brighter spells.

**Chance of cloud free mountain/hill tops above 600m:** Little chance through much of the day with periods or persistent cloud above 450m to 600m, rising to around 40% for a time around the middle of the day in the east, as cloud becomes more occasional above 600m.

**Visibility:** Good falling to several kilometres in rain and drizzle.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Tuesday 17 Nov 2020**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 29/40 SW | 28/39 SW | 28/38 SW | 28/39 SW | 26/37 SW | 25/36 SW | 25/38 SW | 25/37 SW | 23/36 SW |
| **300** | 24/35 SW | 23/34 SW | 21/32 SW | 21/33 SW | 20/31 SW | 18/29 SW | 19/31 SW | 18/30 SW | 18/31 SW |
| **Valley** | 15/33 SW | 16/33 SW | 13/30 SW | 14/31 SW | 13/29 SW | 13/29 SW | 15/32 SW | 14/31 SW | 14/31 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 9/4 | 9/4 | 8/3 | 9/4 | 10/6 | 10/6 | 9/5 | 8/4 | 8/3 |
| **300** | 11/7 | 10/7 | 10/7 | 11/7 | 12/9 | 12/9 | 11/8 | 11/7 | 10/7 |
| **Valley** | 11/8 | 11/8 | 11/8 | 11/9 | 13/10 | 13/10 | 12/9 | 11/8 | 11/8 |
| **Freezing Level*** | 2500m | 2300m | 2200m | 2100m | 2400m | 2400m | 2400m | 2400m | 2600m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Gusts around 50mph over higher summits, especially at first

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Mon 16 Nov 2020 | 18mm | 21.2mm | 23.4mm |

**Forecast for Wednesday 18 Nov 2020**

**Weather:** Cloudy with outbreaks of mainly light rain and drizzle at first, however more persistent and heavier rain will develop towards midday. The rain clears east from mid-afternoon with some late sunny or clear spells and showers following.

**Maximum wind:** Southwesterly 25mph with gusts around 45mph over higher summits.

**Chance of cloud free mountain/hill tops above 600m:** Little chance through the morning and until mid-afternoon, with periods or persistent cloud above 450m-600m and patches below, becoming closer to 75% in the late afternoon as cloud becomes occasional above 600m.

**Visibility:** Good falling to just a few kilometres in heavier rain and drizzle, becoming very good in afternoon with brief reductions in showers.

**Temperature:** **Valleys:** Around plus 10 Celsius at dawn rising to plus 15 Celsius by day, falling to plus 8 Celsius in evening
**At 600m:** Plus 8 Celsius falling to plus 4 Celsius in evening
**Freezing level:** Above the summits.

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